

## **ABSTRACT OF THE DISCLOSURE**

The invention concerns a system and a method of use of said system for performing fluid administration on a patient, the system comprising :

- a liquid pump (1),
- a liquid distribution system (2) connected to said pump (1) in such a way that liquid can flow from the liquid distribution system (2) to the pump (1) and vice versa,
- liquid supply means (3) for supplying liquid to a patient (4) via said liquid distribution system (2) and said pump (1),
- a patient conduit (5) adapted for connecting said liquid distribution system (2) to a patient (4),

the system being characterized by the fact that said liquid distribution system (2) comprises two distinct hub chambers (7,8), the first hub chamber (7) including at least one liquid supply port with dedicated valve means (9), one patient port with dedicated valve means (10) and one pump inlet (26) , the second hub chamber (8) including at least, one patient port (18) or warmer port (16) with dedicated valve means and one pump outlet (27), said system furthermore comprising control means arranged to close said patient port (10) of the first hub chamber (7) when said liquid supply port (9) is open and vice versa.